

96/05

B.A.R.G. News

Volume 19 Issue 4

May 1996

ITS ON AGAIN ! JUNK AUCTION - Friday 31st.May.

Tidy up the shack and the shed and bring along all of that pre-loved gear and bitzanpieces to the BARG Auction night to be held after the General Meeting on Friday 31st.April.

With a bit of luck you may get enough cash for it to allow you to buy someone else's pre-loved gear and bitzanpieces to replenish the cupboard that you cleaned out and now looks so bare and empty.

The night has a great reputation for fair trading and the fine quality and diversity of the lots to be offered for auction, not to mention the mostly humorous interchange of banter and bargaining that continues on the sidelines.

A good fun night, and of course potentially very profitable if you happen to have the type of junk that ~~Charlie~~ someone may want. Hi !

VISITORS
WELCOME



TO THE
B.A.R.G.
JUNK AUCTION
FRIDAY 31ST.MAY.

Pacemaker warning

SEATTLE — Medical researchers yesterday warned that people dependent on cardiac pacemakers should avoid using digital cellular telephones because of the potential for interference.

Dr David Hayes, director of pacemaker services at the Mayo Clinic in Rochester, Minnesota, said a study of nearly 1000 pacemaker patients showed 54 per cent experienced some type of interference when exposed to cellular telephones.

The study confirms previous evidence that digital telephones emit signals that can cause pacemakers to speed up or temporarily shut off. Dr Hayes said pacemaker patients should not hold cellular phones over their chest or in their breast pocket.

Herald Sun Saturday 18th.May.1996

Above is another report referring to problems with emissions from mobile phones, and it is probably true that the same concerns must apply to our VHF and UHF HTs. There has of course been numerous reports of problems related to these cellular devices, and this must cause some concern, considering the super saturation of the country by these units during recent months. I guess that the message must be "prewarned is prearmed" and if treated with respect the advantages of responsible usage will outweigh the negatives until technology can triumph and overcome the problem.

An affiliate of the
Wireless Institute
of Australia (W.I.A.)
founded 1910



VK3BML

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BALLARAT AMATEUR RADIO GROUP INC.

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VK3AEX

VK3DMK

VK3NAS

VK3CAZ

VK3VBA

VK3CCB

VK3ZHH

VK3JFL

VK3VBA

VK3PAP

VK3FGC

VK3ADB

VK3DMK

VK3AEX

VK3AXH

VK3VU

VK3YNB

VK3TOP

VK3JFL

VK3FD

VK3DMK

VK3CCB

WORK

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667200

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311211

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317425

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355600

417585

323565

361249

327141

326048

323565

327041

392427

332112

323273

357663

203601

326048

358031

361249

LIFE MEMBERS:

MAURIE BATT (VK3XEX) SK

GEORGE SMALL (VK3DKJ) SK

KEVIN HUGHES (VK3WN)

STAN WIDGERY (VK3SE)

IAN McDONALD (VK3AXH)

JIM WRIGHT (VK3CFB)

PHIL SEDDON (VK3AQM)

CLUB STATION

VK3 BML

REPEATERS VK3RBA (Voice) 146.750 MHz. - Mt. Buninyong.
 VK3RBS (Voice) 146.900 MHz. - Smeaton Hill
 VK 3RPC (Packet) 144.750 MHz. - Mt. Warrenheip.
 VK3RBU (Voice) 438.475 MHz. - Mt. Hollowback.
 VK3RMB (Beacon) 432.535 MHz. - Mt. Buninyong.
 VK3RBV (ATV) 426.250 MHz. - Ballarat

ACTIVITIES CLUB NET: Thursday nights at 8 pm. (8.30 pm during Daylight Saving). Freq: 3.610 MHz +/- QRM.

2 METRE SCRAMBLE: Sunday Nights at 7.50 pm. Freq: 146.425 to 146.600 MHz. Inc,

Call back held on VK3RBA 146.750 MHz.

Logs **monthly** to D. Quirk - P.O. Box 78 - Newstead 3462 (or Meeting) to qualify.

MEETINGS: General Meeting: Last Friday of each month (except December) at 7.30 pm.

Venue: Ballarat Adult & Further Education Centre (BRACE) 602 Urquhart St. (Cnr. Windemere St.)

FOX HUNTING: As arranged during the year.

PLEASE ADDRESS ALL CORRESPONDENCE to: The Secretary - BARG Inc.

Box 1261

Mail Centre

Ballarat 3354

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The Minutes



of the Meeting held 26th April 1996

President Gordon VK3FGC opened the meeting at 7.40 pm and extended a warm welcome to the 26 members and 2 guests.

APOLOGIES were accepted on behalf of VK's AEX, ANH, AXH, BNC, CIS, CFB, CFH, DMK, DS, HWK, KQF, LBA, NIZ, SE, Val, WN. **VBA/DOK**

MINUTES as circulated per Newsletter. **ADB/DOK**

TREASURER'S REPORT as presented and the following submitted for payment.

John Graham -Newsletter Print.	\$40.00
Norm D'Angri - Postage	\$45.00
Doug Raper - Postage	\$ 9.60
Room Hire	\$190.00
V.H.F. Magazine Subs.	\$60.00
Repeater Expenses - RPC	\$30.18

CORRESPONDENCE IN Amateur Radio Magazine
Newsletters from WANSARC, HBARC, EMDRC
S.M.A. re VI3EUREKA
Ian VK3CIS. **KGL/BVI**

OUT Fred VK3KQF

REPORTS QSL's Nil received - 222 sent out.
Competition to close at end of June. - Thanks Doug.

Education Classes on task. Pending examination !
"Electronic Workshop" ready to roll. Thanks Charlie.

Facilities Re evaluation of submission to B.C.C. to be undertaken.
Proposal to investigate viability of including local historical Radio
Equipment in Submission. Thanks Les.

WICEN Reminder of Monthly training sessions at Gillies St.
Mallee Rally in June. Thanks Gordon.

GENERAL BUSINESS

Motions Advise sponsors / supporters of the Eureka Award re current position.

Forward letter of thanks to Award Committee.

Letter of appreciation to Ron VK3ZHH for his efforts in arranging the
"Fiskville trip."

VBA/CCB

Motion The Secretary was asked to comment on "digipeater."
This Club (ie the Membership) ask the Committee to draw up a set of
guidelines for the operation of a **member operated** BBS, and that member,
whoever they may be, run that station according to the noted rules, or risk
expulsion from the club.

CCB/LDS Carried.

MEETING CLOSED at 20.45

NEXT MEETING 31st May **JUNK AUCTION!!!!**

FINALLY:

WHEN YOU CAN READ THE HANDWRITING ON THE WALL, it
usually means that the kids have learned to
spell !!! Have a great month ! Cheers from Geoff ADB



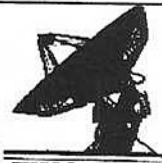
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&
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\$22.00 for 6 litres. (Inc. Tax)

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73 de Bill VK3PH



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1ST. FACTS.



The first **portable-pack radio** set designed for military use was developed by the Marconi Co. and issued to the Westmorland and Cumberland Yeomanry in 1911. The same sets were issued to the Italian Army later the same year for use in the Libyan campaign.

The first **radio telephone** capable of reproducing **articulate speech** was the Radiotelephone devised by Charles Tainter and Alexander Bell and was demonstrated for the first time on the 15th. February 1880.

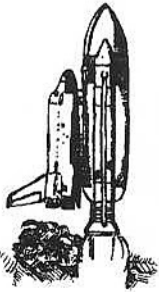
The first working **RADAR** apparatus was developed by Dr. Rudolph Kühnold during the Summer and Autumn of 1933. It consisted of a 700W transmitter working on 600 MHz, a receiver and reflectors. The first practical tests were undertaken in Kiel harbour in March 1934 when the battleship *Hesse* was detected at a range of **600 yds.**

The first **Photocopier** was marketed in 1907 by the Rectigraph Co. of New York and was originally conceived for the duplication of Legal documents.

The first **Toothbrush** is claimed by the Chinese to have been invented in China in 1498. The brush was described as having bristles set in the handle at right angles and appears to have been of basically the same design as its modern counterpart. (Wot! no *diamond head* and *flexible handle with long reach* and *multiple hardness plaque removing high tech. bristles.?*)

SORRY about all of these 1st.Facts articles but the Mail Box was empty again this month and I had nothing else suitable to publish - Ed.

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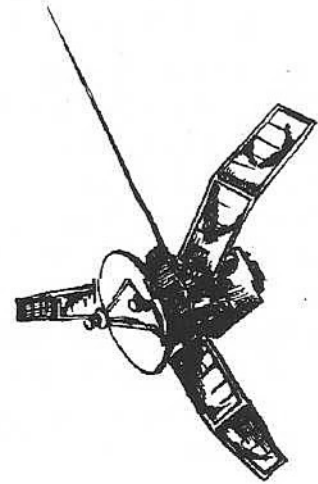


VOYAGER MISSION STATUS

1st. May 1996

From VK1DSN@VK1DSN. ACT AUS. 00

TNX Daryl - VK3XDQ



Voyager 1 is currently 9.33 billion kilometres (5.79 billion miles) from Earth, having travelled 11.19 billion kilometres (6.95 billion miles) since its launch in September 1977. The Voyager 1 Spacecraft is departing the Solar System at a speed of 17.43 kilometres per second (38,985 miles per hour).

Voyager 2 is currently 7.30 billion kilometres (4.53 billion miles) from Earth, having travelled 10.57 billion kilometres (6.57 billion miles) since its launch in August 1977 the Voyager 2 spacecraft is departing the Solar System at a speed of 16.04 kilometres per second (35.871 miles per hour).

Both Voyager spacecraft are healthy and continue their departure from the Solar System. As they travel farther and farther from the Sun, the two spacecraft are returning data to characterize the outer solar system environment and search for the boundary of the Heliopause, the outer limit of the Sun's magnetic field and the outward flow of the Solar Wind.

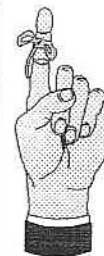
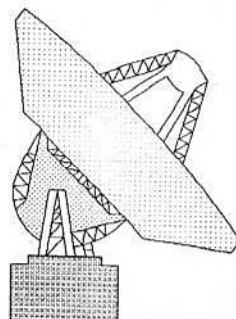
Six scientific instruments on each Voyager spacecraft are collecting data on the strength and orientation of the Sun's

magnetic field, the composition direction and energy spectra of the solar wind particles and interstellar cosmic rays, the strength of radio emissions that are thought to be originating at the heliopause (beyond which is interstellar space), and the distribution of hydrogen within the outer heliopause.

This data is transmitted to Earth in real time, at 160 bits per second, and captured by 34 metre Deep Space Network stations. After transmission of the data to JPL it is made available in electronic files to the science teams located around the country for their processing and analysis.

Flight controllers believe both spacecraft will continue to operate and send back valuable data until at least the year 2015.

Public Information Office
Jet Propulsion Laboratory
California Institute of Technology.
N.A.S.A.
Pasadena Calif.



REMEMBER ANNUAL MEETING JULY 26TH.

Yes, it is only a few more weeks to the Annual General Meeting, and you should be starting to consider how **you** can best participate in helping to run BARG for a further twelve months. As with most organisations the more willing helpers, the smoother the years operations will be.

VACANCY

Due to changing family commitments, and the possible inability to attend meetings on Friday nights, I will not be accepting any nomination for the positions of Newsletter Editor/Membership Secretary for the next years term.

I have enjoyed holding these positions for the last 4 years but now is the time for another member (**or some members**) to contribute their expertise, especially in the technical field, where I am sadly lacking.

Currently the programs used are MS Publisher V2 and Works.

I will, of course give assistance if required to ensure a smooth changeover.

NORM - VK3LBA

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COMING EVENTS AND INFORMATION

May 31st.. General Meeting.

June 15/16 VK Novice Contest.

June 19th. Committee Meeting.

June 29th. General Meeting.

July 17th. Committee Meeting

July 26th. ANNUAL GENERAL MEETING

JUNK AUCTION



INFORMATION

Monday Nights - Practical Nights.

2M Scramble - Sunday Nights 7.50pm 146.425 to 146.600 Mhz.

Club Net - Thursday Nights 8pm. 3.610 +/- QRM - (8.30pm during Daylight Saving.)

WICEN Training Nights - 4th.Wednesday each month.

B.A.R.G.

THE BALLARAT AMATEUR RADIO GROUP INC.

A GROUP OF RADIO ENTHUSIASTS LICENSED TO EXPERIMENT
WITH LOCAL & INTERNATIONAL RADIO COMMUNICATIONS ON AN AMATEUR BASIS.

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B.A.R.G. NEWS



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